



XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable and 20 pin to 14 pin Adapter



Documentation

[Installation Guide](#)
[Drivers and Support](#)

Application

Debug hardware
Debug software
Flash programming

Warranty: 1 year from date of purchase



Part #: 701907

XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable and 20 pin to 14 pin Adapter

Hardware Features

- USB bus powered, **no** power supply required
- Supports USB 1.x and USB 2.0 (high speed)
- Supports Texas Instruments Digital Signal Processors and Microcontrollers with **JTAG** interface:
 - F24xx • F28xx
 - C54xx • C55xx
 - C67xx • C672x
 - C62xx • C641x
 - C642x • C645x
 - C64x+ • DM64x
 - C674x • DM355
 - DaVinci™ • TMS570
 - TMS470 • Cortex™
 - OMAP™
- Advanced emulation controller provides high performance
- Supports Embedded Trace Buffer (ETB) on selected TI devices
- Compatible with +1.8V to +5V processors
- One LED provides operational status
- Replaceable JTAG cables
- Programmable TCK Frequency up to 32 MHz
- 20-pin Target Adapter Cable
- ARM Ltd. style adaptive clocking support
- RoHS Compliant

Software Features

- Compatible with the Full License of Code Composer Studio™ versions 3.x, v4, and v5 from Texas Instruments *(Not compatible with the DSK/eZdsp/EVM Tools versions of Code Composer Studio™)*
- Supports Spectrum Digital's "SDFlash" Programming Utility
- Supports Spectrum Digital's "SDConfig" Utility designed for emulator to target verification
- Supports CCS v4.x DSS Java Scripting
- Supports UniFlash™ programming utility from Texas Instruments
- Compatible with Windows 2000, XP, Vista, Win7, and Linux Operating Systems
- Programmable EMU0/1 Pins support for boundary scan test support
- Compatible with Temento Diatem Boundary Scan Debugger
- Compatible with Universal Scan Boundary Scan Tools

What's Included

- XDS510 USB PLUS JTAG Emulator with 20 pin CTI Cable
- 20 pin CTI to 14 pin Adapter
- USB cable
- CD-ROM with drivers
- Setup instructions
- Warranty registration card
- Technical Reference Manual

You May Need

- Code Composer Studio
- DSP Target Board (EVM, eZdsp, DSK)
- Additional JTAG Adapters